# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 15 Mar 2023 until 23:59 on Thursday 16 Mar 2023

Forecast Issued on Wednesday 15 Mar 2023 at 02:44

**Confidence:** High for the cold start, then milder and unsettled from later Wednesday, but lowering confidence for the detail of cloud, regime transitions and snow levels.

**Headline for Wednesday 15 Mar 2023:** Dry bright start, then snow developing from afternoon, erratically turning to rain during evening, as southerly winds strengthen.

**Mountain weather hazards on Wednesday 15 Mar 2023**

**Blizzards**
No Likelihood

**Heavy persistent snow**
Low Likelihood

**Storm force winds**
No Likelihood

**Gales**
No Likelihood

**Severe chill effect**
Low Likelihood

**Poor visibility**
Medium Likelihood

**Thunderstorms**
No Likelihood

**Heavy persistent rain**
Low Likelihood

**Strong sunlight**
No Likelihood

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Sunny intervals | Cloudy | Cloudy | Heavy snow | Heavy snow | Heavy Rain |
| Precipitation probability | | | | | |
| <05% | 10% | 30% | 70% | 90% | 90% |

**Forecast for Wednesday 15 Mar 2023**

**Weather:** Largely dry with bright spells through the morning after a cold and icy start. Cloud gradually thickening and lowering from the west to bring patchy snow from mid-afternoon, which may be heavy at times, before erratically turning to rain in the evening.

**Chance of cloud-free hill tops above 600m:** 90% plus becoming 60% early afternoon, 10-20% from late afternoon.

**Low Cloud and visibility:** Good or very good becoming moderate or poor in later rain, very poor in snow and within cloud, with bases lowering 400-500m occasionally for afternoon, then widespread for the evening.

Check our weather forecast every day to get the most accurate and up to date information
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# Met Office Mountain Weather Forecast

**Forecast for Wednesday 15 Mar 2023**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 12/17 SW | 14/17 SW | 12/18 SW | 9/16 S | 16/23 SE | 19/29 SE | 19/30 S |
| **300** | 0/9 SW | 2/8 S | 8/16 SW | 7/15 S | 10/21 SE | 11/25 SE | 11/26 S |
| **Valley** | 1/6 N | 1/6 W | 7/15 SW | 6/14 S | 9/20 SE | 10/23 SE | 11/28 S |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | -3/-9 | -2/-8 | 0/-5 | 0/-4 | -0/-6 | 1/-6 | 3/-3 |
| **300** | -5/-8 | -0/-2 | 3/-1 | 3/-0 | 1/-3 | 3/-2 | 4/0 |
| **Valley** | -3/-5 | 1/-0 | 5/2 | 4/2 | 3/-1 | 4/1 | 6/3 |
| **Freezing Level*** | 00m | 200m | 400m | 500m | 500m | 1500m | 1700m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Icy early. Hill fog becoming quite extensive late in the day.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 03:00 on Wed 15 Mar 2023 | 4mm | 30.2mm | 47mm |

**Forecast for Thursday 16 Mar 2023**

**Weather:** Overcast with periods of rain at first, turning heavy at times, this combined with strong winds brings some difficult conditions. Improving for the afternoon and evening with a mix of showers and cloud breaks spreading from the west.

**Maximum wind:** South to southwest mean 30-35 mph with gusts reaching 45 mph at times across most exposed ridges and summits. Winds easing a little from the afternoon.

**Chance of cloud-free hill tops above 600m:** Close to nil, perhaps becoming 40% for the evening across eastern peaks.

**Low Cloud and visibility:** Mostly poor visibility in rain, very poor within cloud, with bases extensive from 400m at first, occasionally so in the showery flow from evening.

**Temperature:** **Valleys:** Plus 6 Celsius increasing Plus 10 Celsius during the afternoon
**At 600m:** Plus 3 Celsius increasing Plus 6 Celsius during the afternoon
**Freezing level:** Above all peaks

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